

Emission Summary

Permit Number: 969606P

Eagle Bend Mfg. Inc., 01-0235-07

Source Status: New Modification Expansion Relocation **Permit Status:** New Renewal

PSD NSPS NESHAPs **Previous Permit Number:** Construction _____ Operating _____.

	Pounds/Hour			Tons/Year ³				Date of Data	*	Applicable Standard 1200-03- 06-.02(2)
	Actual ¹	Potential	Allowable ²	Actual	Potential	Allowable	Net Change			
TSP	Neg	Neg	0.12	Neg	Neg	0.03				
CO	0.41	0.41	68.25	0.1	0.1	17.06				09-.03(8) & NSPS JJJ 60.4233(d) Table 1
HC + NO _x			1.76			0.44				09-.03(8) & NSPS JJJ 60.4233(d) Table 1

* - Source of data

¹ Actual emissions (pounds/ hour) for TSP and CO based on AP-42 emission factors.

² Allowable emissions (pounds/ hour) for CO and HC + NO_x based on 40 CFR 60 JJJ.

³ Emissions (Tons/ Year) based on 500 hours/ year EPA default value for emergency generator operation.

PERMITTING PROGRAM: JAT DATE: March 26, 2015

CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Eagle Bend Mfg. Inc.
Permit Number(s): 969606P

File Number: 01-0235 EPS Initials: JAT
Source Point Number(s): 07

Application Received (date): November 26, 2014

Application Complete (date): January 20, 2015

Air Quality Analysis Performed? Yes No

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

This operation is a new source constructed in 2012 and consists of one spark ignition natural gas fueled emergency generator engine rated at 80 hp power output capacity (59.66 kw) located at Hot Stamp 3. PM, CO, and HC + NOx are emitted by this source. This source was constructed in Anderson County which is nonattainment for fine particulate matter (PM 2.5) and is subject to minor source BACT analysis per rule 1200-03-09-.01(5)(b)2.(ii). However, potential particulate emissions from this source are negligible; therefore, minor source BACT is not specifically addressed in the permit.

Rules Analysis

Title V Cond. Major Minor Source category listed in 1200-03-09-.01(4)(b)1.(i)? Yes No

Reason for PSD:	New source above ___ TPY <input type="checkbox"/>	Sig. increase in ___ emissions <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NSPS:	40 CFR Part 60, Subpart JJJ <input checked="" type="checkbox"/>	State Rule 1200-03-16-___ <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Applicable NESHAP:	40 CFR Part 61, Subpart ___ <input type="checkbox"/>	State Rule 1200-03-11-___ <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
“ “	40 CFR Part 63, Subpart ZZZZ <input checked="" type="checkbox"/>	State Rule 1200-03-31-___ <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Other Applicable State Rules

TSP Emissions:	1200-03-06-.02(2) <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	NO _x Emissions:	1200-03-09-.03(8) <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
SO ₂ Emissions:	1200-03-___ <input type="checkbox"/> N/A <input type="checkbox"/>	Lead Emissions:	1200-3-___-___ <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
CO Emissions:	1200-03-09-.03(8) <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	___ Emissions:	1200-3-___-___ <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
VOC Emissions:	1200-03-09-.03(8) <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	___ Emissions:	1200-3-___-___ <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

Visible Emissions from this Source not to exceed 20 % opacity per Method 9 (Rules 1200-03-05-.03(6) and 1200-03-05-.01(1))